

HF Happenings

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the week of 15 February 2016

Thank You

I acknowledge the e-mails with the positive comments about HF Happenings received from Heather, ZS6YE/5, Prof, ZS1ADD, and Leon, A25SL. It is appreciated!

The Leap Year Challenge

You are invited to take part in the Leap Year Challenge on Monday 29 February 2016 and make as many contacts as you can on this day. The challenge starts at 00:01 and ends at 23:59 CAT all modes, all bands. Work a station once only regardless of band, mode or call sign.



Submit your log by midnight on Wednesday 2 March 2016 by e-mail to zs4bfn@mweb.co.za. The log received with the most QSOs will win a SARL membership for 2016/2017. If you do not take part, you will have to wait until 2020, the next leap year, to put the date 29 February into your logbook!

New 600 m record set

A new 600 m distance record that was set on Tuesday 9 February. The new record was set for the longest DX on the new 600 m band. Phil Dwyer, VK3ELV, and Laurence Howell, KL7L, the latter operating as WE2XPQ, used WSPR. The contact, from Victoria in Australia to Alaska in the USA, is the first-ever between VK3 and KL7 on the 472 kHz band. KL7L also reported a 136 kHz opening to Japan at the same time.

Club Log's Crowd Tagging

Club Log has announced the "World QSL Archive" project, which aims "to create the Largest Digital Archive of scanned paper QSL cards in existence." Nigel, G3TXF, has made his collection of 500 000+ cards available for the project. So far some 100 000 QSLs have been scanned and "we need to tag these cards to the sender's call sign and the corresponding QSOs. We have come up with an original way of doing this, which can also be fun. We call this crowd-tagging." Club Log users who are willing to help are invited to visit the tagging page <https://secure.clublog.org/qslarchive/index.php> and watch the video (available by clicking the HELP button on the bottom left side of the screen).

Myanmar

Update on plans for Myanmar IOTA DXpedition 2016 - The original proposed dates for this DXpedition were Feb/March or April/May. Since the original announcement, there has been a general election in Myanmar and the new government will be installed in March. Licensing will be delayed until the new administration completes the transition.

We are in touch with the authorities. Our documents are with the administration. We have good liaison and we have in territory help to monitor and progress our license application.



South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925



The DXpedition will be delayed until after the summer period to allow plenty of time for licensing and for HF conditions to be as favourable as possible.

Derek, G3KHZ, Hans, SM6CVX, Nils, SM6CAS, Ulrika, SM7WYN and Eddy, K5WQG

Antarctic Activity Week 2016

Look for this year's 13th Antarctic Activity Week to take place between 22 and 28 February. Complete details and a list of participants are available on the WAP Web site. The Web will have an updated list with call signs and QSL Managers.

www.waponline.it/Default.aspx?tabid=113

Josè, EA5FL, informs that a Special Radio Award will be issued by URE to those amateurs and SWLs who will work (or hear) the Spanish Special Event stations during the 13th AAW. Look for the following Spanish AAW stations: AO3ANT (WAP-266), AO4HAG (WAP-242), AO5WAP (WAP-272), EG1PAA (WAP-273), EG5WAP (WAP-268) and EH5WAP (WAP-267).

The Award Manager is EA5DM and his E-mail is ea5dm@ure.es. All six stations will have information about the Award on QRZ.com. The Spanish Special Event stations will be active on the HF bands. The Special Diploma will be sent free of charge to all participants that fulfil the required number of contacts on each of the four categories

(Bronze, Silver, Gold and Platinum). Amateur who qualify on each category may request their award by e-mail for their personalised Diploma to the Award Manager EA5DM ea5dm@ure.es indicating their call sign. There is no need to send a log, but SWLs must send a list. Due date to apply for the Award is 15 March 2016. All Diplomas will be sent by e-mail free to petitioners who qualify.

Please Note: Special AAW station EG1PAA (WAP-273) will be operating from Arousa Island (EU-80). QSL via EA1GIB, direct or by the Bureau.

African DX

Ethiopia, ET. The Ukrainian operators continue to be active as ET7L from the INSA Radio Club in Mekanisa, Addis Ababa, Ethiopia. Activity will be limited due to their work duties, but they are expected to be active for at least 2 to 4 months. Most of their activity has been on 30, 17, 15 and 12 metres using CW and SSB, but the operators are now active on 160, 80 and 40 metres. The operators, Yarik, UW7LL, and Andy, UR4LRQ, are members of UT7L Contest Club. Logs will be uploaded daily on Clublog; OQRS will be available later. LoTW, as

February

- 2 - World Wetland's Day
- 7 - AWA CW Activity Day
- 10 - Ash Wednesday
- 13 and 14 - SARL National Field Day; CQ WW WPX RTTY Contest
- 14 - SARL Youth Net at 15:00 UTC; Valentine's Day
- 15 - Closing date for the PEARS VHF/UHF logs
- 20 - SARL Youth Sprint
- 24 - Closing date for March Radio ZS articles
- 27 - West Rand ARC Flea Market
- 27 - National Milk Tart Day
- 28 - SARL Digital Contest
- 29 - The Leap Year Challenge

March

- 5 and 6 - Buffalo City Hobby and Craft Expo, East London
- 6 - SARL Hamnet 40 m Simulated Emergency Contest
- 18 - All schools close
- 19 and 20 - SARL VHF/UHF Field Day
- 20 - Autumn equinox, Palm Sunday
- 21 - Human Rights Day
- 22 - Closing date for April Radio ZS articles; World Water Day
- 23 - World Meteorological Say
- 24 - Purim
- 25 - Good Friday
- 26 - Two Oceans Marathon
- 27 - Easter Sunday
- 28 - Easter Monday / Family Day



usual, after the end of operation. The QSL Manager is USOLW. The Web site is now up and running with updates and log search at <http://et7l.dxr.com.ua>

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

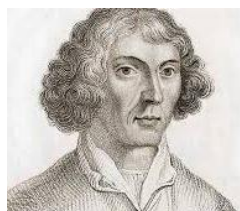


Mayotte, FH, (DIFO Operation - French Overseas Islands Award). Before and after his participation in the upcoming FT4JA Juan de Nova DXpedition, team member Gil, F4FET, will be active as FH/F4FET from Mayotte (AF-027) and a few of its DIFO islands in the lagoon on Mayotte between 24 and 25 March and 15 to 21 April. The DIFO islands mentioned are Grande Terre Island (FH001), Petite Terre Island (FH002), Zamboro Island (new one, FH003) and Choisl Island (new one, FH004). Activity will be holiday style on 40 to 10 metres SSB using a K3 and a SPE Expert 1K3 into a 40 to 10 m ground plane and a 1 element Quad for 12 and 10 metres. QSL via his home call sign, by the Bureau, direct or ClubLog's OQRS.

Added Note: Gill will also be active as F4FET/MM on his way to Juan de Nova between 26 and 28 March and 12 to 14 April.

This week in History

(The week starting 15 February 2016)



1473 - Astronomer Nicolaus Copernicus (18 Feb 1473 - 1543)

was born in Torun, Poland. Considered the founder of modern astronomy, he theorized that the sun, not the earth, was the centre of the solar system

1564 - Astronomer and physicist Galileo Galilei (15 Feb 1564 - 1642) was born in Pisa, Italy. He was the

first astronomer to use a telescope and advanced the theory that the sun, not the earth, was the centre of the solar system

1857 - Nongqawuse's unfulfilled prophecy - almost destroying the Xhosa people

1885 - The Adventures of Huckleberry Finn by Mark Twain, is published in New York

1920 - Samuel Marks dies in Johannesburg at the age of 77

1929 - Len Deighton, English spy writer (Bomber, The Ipcress File) born (18 Feb)

1937 - Dupont patents a new thread, nylon, which will replace silk in a number of products and reduce costs

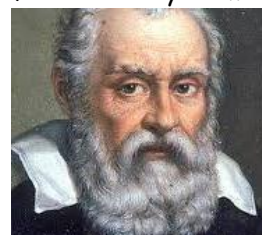
1938 - The first colour television is demonstrated at the Dominion Theatre in London

1959 - The United States launches its first weather station in space, Vanguard II

1962 - Astronaut John Glenn became the first American launched into orbit. Travelling aboard the "Friendship 7" spacecraft, Glenn reached an altitude of 260 kilometres and completed three orbits in a flight lasting just under five hours. Glenn was the third American in space, preceded by Alan Shepard and Virgil "Gus" Grissom who had each completed short sub-orbital flights. All of them had been preceded by Russian cosmonaut Yuri Gagarin who was the first human in space, completing one orbit on 12 April 1961 - a feat that intensified the already ongoing Space Race between the Russians and Americans. Glenn's successful flight showed the Americans had caught up and was followed in September 1962 by President John F. Kennedy's open call to land an American on the moon before the decade's end.

1965 - The Gambia gains independence

HISTORY



1965 - Ranger 8 hits the moon and sends back 7 000 photos

3019 (SR) - The Fellowship's stay in Lothlórien ends (15 Feb)
3019 (SR) - Gollum in hiding on the west bank observes the departure (16 Feb)
3019 (SR) - Gwaihir bears Gandalf to Lórien (17 Feb)
3019 (SR) - The Fellowship faces the Great River (17 Feb)
3019 (SR) - The Fellowship travel the Great River (18 Feb)
3019 (SR) - Gandalf recovers in Lothlórien (19 Feb)
3019 (SR) - The days on the River pass slowly (20 Feb)

Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 15 to 22 February 2016

Classic Exchange, Phone

14:00 UTC 14 February to 08:00 UTC 15 February and 14:00 UTC 16 February to 08:00 UTC 17 February
Mode: AM, SSB, FM
Bands: 160, 80, 40, 20, 15, 10, 6, 2 m
Classes: (none)
Exchange: Name, RS, state, province or country and rcvr/xmtr manuf/model
Work stations: Once per band per mode per rcvr/xmtr manuf/model
QSO Points: (see rules)
Multipliers: (see rules)
Score Calculation: Total score = sum(total mode QSO points x total mode mults) and Bonus Points
Submit logs by: 30 November 2016
E-mail logs to: wq8u@arrl.net
Mail logs to: WQ8U, 104 W. Queen St., Hillsborough, NC 27278, USA
Find rules at:
<http://www.classicexchange.org/jan16/jan16ann.html>

QRP Fox Hunt

02:00 - 03:30 UTC 17 February
Mode: CW
Bands: 40 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 18 February 2016

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at:

http://www.grpfoxhunt.org/winter_rules.htm

Phone Fray

02:30 - 03:00 UTC 17 February
Mode: SSB
Bands: 160, 80, 40, 20, 15 m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 19 February 2016
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)

Find rules at:

http://www.perluma.com/Phone_Fray_Contests_Rules.pdf

CWops Mini-CWT Test

13:00 - 14:00 UTC and 19:00 - 20:00 UTC 17 February and 03:00 - 04:00 UTC 18 February

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high

Max power: HP: >100 watts; LP: 100 watts;

QRP: 5 watts

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 20 February 2016

Post log summary at:

<http://www.3830scores.com>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/cwt.html>

AGCW Semi-Automatic Key Evening

19:00 - 20:30 UTC 17 February

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST, serial no, "/" and 2-digit year first used a bug

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 15 March 2016

E-mail logs to: semiautomatic@agcw.de

Mail logs to: Manager: Ulf-Dietmar Ernst, DK9KR, Elbstrasse 60, D-28199 Bremen, Germany

Find rules at:

<http://www.agcw.org/index.php/en/contests-and-cw-activities/semi-automatic-key-evening>

RSGB 80 m Club Championship, CW

20:00 - 21:30 UTC 18 February

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 25 February 2016

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:

<http://www.rsgbcc.org/hf/rules/2016/r80mcc.shtml>

NCCC RTTY Sprint

01:45 - 02:15 UTC 19 February

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 February 2016

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rttyins.html>

QRP Fox Hunt

02:00 - 03:30 UTC 19 February

Mode: CW

Bands: 80 m Only

Classes: Single Op - fox or hound

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 03:30 UTC 20 February 2016

E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint Ladder
02:30 - 03:00 UTC 19 February
Mode: CW
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: Single Op
Max power: 100 watts
Exchange: Serial no, name and QTH
Work stations: Once per band
QSO Points: NA station: 1 point per QSO;
non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 21 February 2016
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at:
<http://www.ncccsprint.com/rules.html>

ARRL International DX CW Contest
00:00 UTC 20 February to 24:00 UTC 21 February
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band - QRP, low or high; Single Op Single Band; Single Op Unlimited - low or high; Multi-Single - low or high; Multi-Two; Multi-Multi
Max power: HP: 1 500 watts; LP: 150 watts; QRP: 5 watts
Exchange: W/VE: RST and state or province; non-W/VE: RST and power
Work stations: Once per band
QSO Points: 3 points per QSO
Multipliers: W/VE: Each DXCC country once per band; Non-W/VE: Each state, District of Columbia, VE province/territory once per band

Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 22 March 2016
E-mail logs to: DXCW@arrl.org
Upload log at: contest-log-submission.arrl.org
Mail logs to: ARRL Intl DX Contest, CW, ARRL, 225 Main St., Newington, CT 06111, USA
Find rules at: <http://www.arrl.org/arrl-dx>

SARL Youth Day Sprint
08:00 - 10:00 UTC 20 February
Mode: SSB
Bands: 40 m Only
Classes: (none)
Exchange: RS and age
QSO Points: 5 points per QSO between operators 25 or younger; 2 points per QSO between 25 or younger operator and a 26 or older operator; 1 point per QSO between operators 26 or older
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 27 February 2016
E-mail logs to: youthsprint@sarl.org.za
Mail logs to: (none)
Find rules at:
<http://www.sarl.org.za/Web3/Members/DoDownload.aspx?X=20151130131559djqp8afPgb.PDF>

Russian PSK WW Contest
12:00 UTC 20 February to 11:59 UTC 21 February
Mode: BPSK31, BPSK63, BPSK125
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band
Max power: 100 watts
Exchange: RU: RST and 2-letter oblast; non-RU: RST and serial no
QSO Points: 1 point per QSO with same country on 20, 15, 10 m; 3 points per QSO with different country same continent on 20, 15, 10 m; 5 points per QSO with different continent on 20, 15, 10 m; 2 point per QSO with same country on 160, 80, 40 m; 6 points per QSO with different country same continent on 160, 80, 40 m; 10 points per

QSO with different continent on 160, 80, 40 m

Multipliers: Each country once per band

Each oblast once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 26 February 2016

E-mail logs to: rusww@rdrclub.ru

Upload log at:

http://ua9qcq.com/en/submit_log.php?lang=en

Mail logs to: (none)

Find rules at: <http://www.rdrclub.ru/russian-ww-psk-contest/49-rus-ww-psk-rules>

Feld Hell Sprint

20:00 - 21:59 UTC 20 February

Mode: Feld Hell

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Max power: Standard: 100 watts

QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 27 February 2016

Upload log at:

<https://sites.google.com/site/feldhellclub/>

Mail logs to: (none)

Find rules at:

<https://sites.google.com/site/feldhellclub/Home/contests/sprints/bingo-sprint>

AWA Amplitude Modulation QSO Party

23:00 UTC 20 February to 23:00 UTC 21 February

Mode: AM, 160

Bands: 80, 40, 20 m

Classes: (none)

Exchange: Name and state, province or country

Work stations: Once per band

QSO Points: Power >100 W: 1 point per QSO;

Power <= 100 W: 2 points per QSO; 5 points

per QSO on 20 m; 10 points for first QSO

with W2AN or W1HRX

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 10 March 2016

E-mail logs to: AB2RA@HTVA.NET

Mail logs to: AB2RA Janis Carson, 61

Rothermich Rd., Ithaca, NY 14850-9323, USA

Find rules at:

<http://www.antiquewireless.org/awa-amplitude-modulation-qso-party.html>

CQC Winter QSO Party

01:00 - 02:59 UTC 22 February

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: Member: RST, state, province or country and serial no

Work stations: Once per band

QSO Points: 1 point per QSO; Bonus: 5

points per QSO with WOCQC or NOCQC

Multipliers: Each state/province/country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 March 2016

E-mail logs to: vkumagai@q.com

Mail logs to: (none)

Find rules at:

<http://www.coloradoqrpclub.org/contests/winter16.htm>

Run for the Bacon QRP Contest

02:00 - 04:00 UTC 22 February

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-

member; 3 points per QSO with member on

same continent; 5 points per QSO with

member on different continent

Multipliers: Each state, province or country once;

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO
points x total mults
Submit logs by: February 28, 2016
E-mail logs to: (none)

Upload log at:
<http://fpqrp.org/pigrun/autolog.php>
Mail logs to: (none)
Find rules at: <http://fpqrp.org/pigrun/>

Next Week's Contests

SKCC Sprint, 00:00 - 02:00 UTC 24 February
QRP Fox Hunt, 02:00 - 03:30 UTC 24 February
Phone Fray, 02:30 - 03:00 UTC 24 February
CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 24 February, 03:00 - 04:00 UTC 25 February
UKEICC 80 m Contest, 20:00 - 21:00 UTC 24 February
NCCC RTTY Sprint, 01:45 - 02:15 UTC 26 February
QRP Fox Hunt, 02:00 - 03:30 UTC 26 February
NCCC Sprint Ladder, 02:30 - 03:00 UTC 26 February
CQ 160-Meter SSB Contest, 22:00 UTC 26 February to 22:00 UTC 28 February
REF SSB Contest, 06:00 UTC 27 February to 18:00 UTC 28 February
UBA DX CW Contest, 13:00 UTC 27 February to 13:00 UTC 28 February
South Carolina QSO Party, 14:00 UTC 27 February to 00:59 UTC 28 February
North American RTTY QSO Party, 18:00 UTC 27 February to 05:59 UTC 28 February
High Speed Club CW Contest, 09:00 - 11:00 UTC 28 and 15:00 - 17:00 UTC 28 February
SARL Digital Contest, 13:00 UTC-16:00 UTC 28 February
North Carolina QSO Party, 15:00 UTC 28 February to 00:59 UTC 29 February
AGCW YL-CW Party, 19:00 - 21:00 UTC 1 March

Local Contests

South African Radio League Youth Sprint

The Youth Sprint is a fun activity to celebrate the Youth and to promote contacts between young radio amateurs in Southern African countries. Call "CQ Youth Sprint." The Sprint takes place on Saturday 20 February from 08:00 to 10:00 UTC and the exchange is a RS report and the operator's age. It is a phone sprint on the 40-metre band, 7 063 to 7 100 and 7 130 to 7 200 kHz

Contacts between stations in the age group 25 and younger are worth 5 points; contacts between stations in the under 25 group and over 26 group is worth 2 points and contacts between stations in the age group 26 and older are worth 1 point. Logs, in ADIF, Cabrillo or MS Excel format and labelled "your call sign Youth Sprint," must be submitted by 27 February 2016 by e-mail to youthsprint@sarl.org.za. The age of the operator must be shown on the summary sheet. All the logs received will be entered into a draw for a Student membership of the South African Radio League.

Certificates will be awarded for all logs that are submitted correctly. Prizes will be awarded to the 1st, 2nd and 3rd place in the competition. All logs with more than 10 contacts will entered for a lucky draw.

South African Radio League Digital Contest

The aim is to establish as many contacts as possible between radio amateurs in Southern Africa using the PSK31 / RTTY mode(s). The contest is open to all radio amateurs in Southern Africa and will run from 13:00 UTC to 16:00 UTC on Sunday 28 February 2016 with PSK and

RTTY on 80 metres (3 580 to 3 600 kHz); 40 metres (7 040 to 7 060 kHz) and 20 metres (14 070 to 14 099 kHz)

A station may be contacted twice on each band once on RTTY, once on PSK31. The exchange is a RST report and a sequential serial number starting at 001. Contacts with stations listed in General Rule 1.b are worth 3 points. Contacts with stations NOT listed in General Rule 1.b are worth 1 point. The first contact with each area listed below will be used as a band multiplier. Area 1: ZS1; Area 2: ZS2; Area 3: ZS3; Area 4: ZS4; Area 5: ZS5; Area 6: ZS6; Area 7: 3DA, 7P, 7Q, 9J, C9, A2, D2, V5, Z2, ZD7, ZD9, ZS7, ZS8, FR, 3B8, 5R, FH and D6 and Area 8: Stations in the rest of the world.

Scoring. Band total = QSO points X number of call areas worked per band. The final score =sum of the band totals. Logs, in ADIF, Cabrillo or MS Excel format and labelled "your call sign Digital Contest," must be submitted by 6 March 2016, e-mail to contest@sarl.org.za

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter

